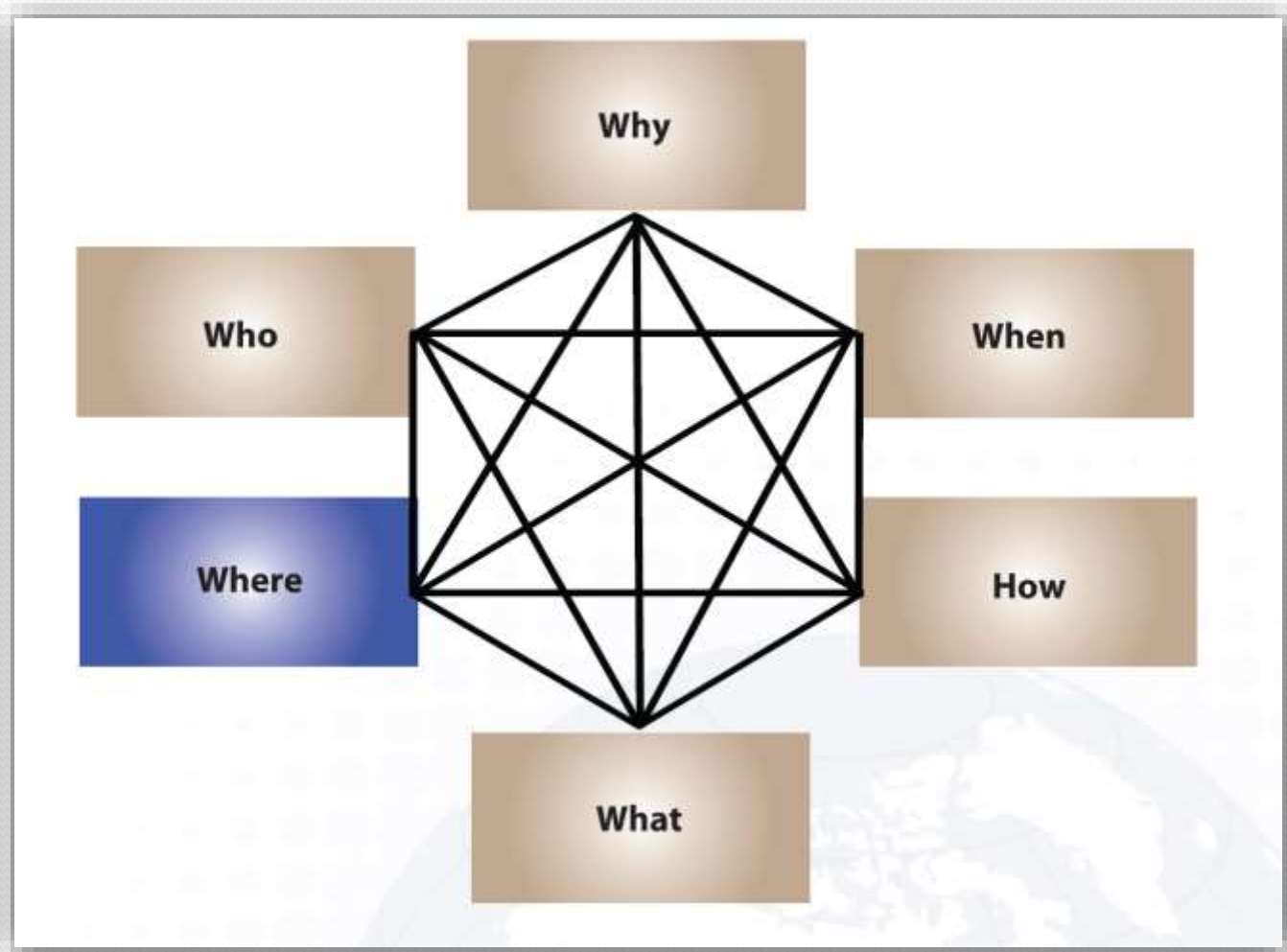# LA County Enterprise GIS

Geography as a Utility

Agenda

- What is GIS?
- What is eGIS?
  - What is available
  - What are the benefits
- What is coming in eGIS
- What does you want to do with it?

GIS in context

Uses of GIS

- Routing Inspectors
- Tracking Program Results
- Facility and service location analysis
- Planning for Sustainable Communities
- 911 Response
- Determining Transportation Routes
- Appraisal and Management of Air Quality
- Development & Smart Growth Practices
- Managing Agricultural Development
- Understanding Population Demographics and Predictive Modeling
- Tracking Disease Incidence and Prevalence
- Mapping Sex Offender Registries and Crime Patterns
- Mapping of Historical Sites
- Locating Fueling Stations & Tracking Prices
- 3-D Street and Building Modeling for Emergency Response Planning and Law Enforcement
- Management of Public Utilities
- Impact Analysis related to Weather, Flooding and Natural Disasters
- Allocating Resources
- Detecting Food Stamp Fraud

Enterprise GIS

- **GIS is a utility**
  - Impacts every aspect of business
  - Departments should focus on the business benefits, NOT the hardware and technology
  - Departmental enabler
  - Single access point for ALL GIS needs
- Enterprise GIS is a shared resource
  - Cost sharing across the County
  - Reduce duplication of effort
  - Enhanced capabilities
- Oversight and direction from the Enterprise GIS Steering Committee

LA County Enterprise GIS (eGIS)

- eGIS Infrastructure Service
  - Data
  - Infrastructure
  - Web Services
  - Applications
  - Technical Support
- eGIS Development Services
  - As needed

eGIS – Data Access

- All eGIS data (over 200 layers)
  - Imagery (LARIAC)
  - Parcels
  - Roads
  - Jurisdictions
  - Thomas Brothers (streets, parks, etc)
  - Population Data (Census and Estimates)
  - Service Locations
- Support for loading your data to GIS
  - Manual and Automated (GeoSync)
- Any future data developed

eGIS – Technical Infrastructure

- GIS Application Hosting
- ISD hosted infrastructure
  - Speed, reliability
  - Monitoring
  - Network security
  - 24/7 support
  - Disaster recovery
- Size
  - 6 servers expanding to 12 by years' end
  - 80 Tb of storage
- Development & Test Environments being built

eGIS – Applications

- Geocortex (i.e. GIS-NET)
  - Web-based geospatial analysis
    - Limited training required
    - Unlimited deployment
  - Fast application development
- Maintenance of a custom Geocortex site for each department
  - Includes Your data, your needs
  - Limited customization
- Share benefits of other departmental customizations
  - Upload Excel files
  - Export Tables and Reports

eGIS – Costs

- eGIS Infrastructure Services
  - Single line item at the department
  - Cost allocations being developed
  - Dependent upon department size and usage
- eGIS Development Services
  - Hourly rates

GIS, eGIS, and TTC

Just one idea

The Tax Defaulted Properties

- Could use of GIS capabilities to:
  - Provide more information to the public
  - Make finding properties easier
  - Reduce complaints
  - Allow County departments to quickly identify properties valuable to the County (parks, flood, etc)
  - Perhaps increase minimum bids
  - Increase revenue

Current List

Current List

ITEM NO	NSB#	LEGAL DESC	CURRENT ASSESSEE	LOCATION	MIN BID.	IMPS	MB PG PCL CURRENT PRIOR	PARCEL PARCEL

1441   522   W 1/2 OF E 1/2 OF NW $1,125   3346 009 007
1/4 OF NE 1/4 OF SE 1/4 OF SEC 4   04/3346 009 007
T 6N   R   8W   ASSESSED   TO
BOURBULAS,THOMAS   D   LOCATION
COUNTY OF LOS ANGELES
PROPERTY ADDRESS:
VAC/VIC AVE M8/230 STE
BUTTE VALLEY CA93535

1446   522   TRACT NO 30439 LOT 25 $1,125   3346 018 009
ASSESSED TO JOHNSON,CRAIG R AND   04/3346 018 009
ABEL,CYNTHIA A   LOCATION   COUNTY
OF LOS ANGELES
PROPERTY ADDRESS:
VAC/COR AVE N6(DRT)/202 STE
BLACK BUTTE CA93591

1449   522   *N 1/2 OF NW 1/4 OF   NW $1,125   3346 027 049
1/4 OF SW 1/4 OF SW 1/4 OF SEC 9   04/3346 027 049
T 6N R 8W ASSESSED TO CHANCELLOR
STAPLETON,ERIKA LOCATION   COUNTY
OF LOS ANGELES
PROPERTY ADDRESS:
VAC/220 STE(DRT)/VIC AVE N12
BLACK BUTTE CA93591

1450   522   *S 1/2 OF S 1/2 OF NE $1,125   3346 027 051
1/4 OF SW 1/4 OF SW 1/4 OF SEC 9   03/3346 027 051
T 6N   R   8W   ASSESSED   TO
KOSUE,GEORGE T AND   HATSUKO   O
LOCATION COUNTY OF LOS ANGELES
PROPERTY ADDRESS:
VAC/VIC AVE N14/220 STE
BLACK BUTTE CA93591

1453   522   *TR=26958*NW 1/4 OF LOT $1,125   3350 003 040
2 ASSESSED TO SARMENTO,THOMAS   G   03/3350 003 040
LOCATION COUNTY OF LOS ANGELES
PROPERTY ADDRESS:
VAC/VIC AVE G4/180 STE
BUTTE VALLEY CA93535

Disclaimer

Disclaimers

Research and Inspect Thoroughly Before You Bid
Prospective purchasers are urged to examine the title, location and desirability of the properties available to their own satisfaction **prior** to the sale.

Properties are sold "AS IS"
The sale of these properties should not, in any way, be equated to real estate sales by licensed salespeople, brokers or realtors. The County of Los Angeles makes no guarantee, expressed or implied, relative to the title, location or condition of the properties for sale. Property taxes currently due will be paid from the proceeds of the sale.

Important Disclaimer
The County of Los Angeles is not liable for the failure of any device that is not owned, operated, and managed by the state or county, that prevents a person from participating in any sale. "Device" includes, but is not limited to, computer hardware, a computer network, a computer software application, and a computer Web site. The County of Los Angeles assumes no liability for any other possible liens, encumbrances or easements, recorded or not recorded.

Please Note
Prospective purchasers are advised that some bonds or other assessments which are levied by agencies or offices other than the treasurer-tax collector may still be outstanding after the tax sale; in addition, the I.R.S. has the option of redeeming, up until 120 days after the sale, any property on which there is an I.R.S. lien recorded.

ALL SALES ARE FINAL!

Current connections

Issues

- Difficult to know which properties might be of interest.
  - I want a vacant residential property within 10 miles of my office (for example)
  - How can I narrow that down?
- Is the County minimum enough?
  - Should there be higher charges for higher costs?
- Could we include liens from other agencies (brush, etc)

An idea

Auditor Controller

- Checking properties with large reductions in valuation
- Built a search capability, and the ability to place on the map.

Search for properties

Get a List

Get Report

Map Options

YearSeq:	2013 000	**TRA NO:**	8852
Reason Key:	L	**Origin Key:**	C

AH L **Maps:** eGIS Parcel Viewer

eGIS IPA Overhead Imagery (Not All Parcels May Be Mapped)

Assessor Parcel Information

inal Change No.   Latest Change No.

Parcel View

IPA Image view

An example from TTC 2013

- DPW downloaded the .pdf file and processed in order to make it into a GIS file
  - Lots of work, but useful to a number of departments
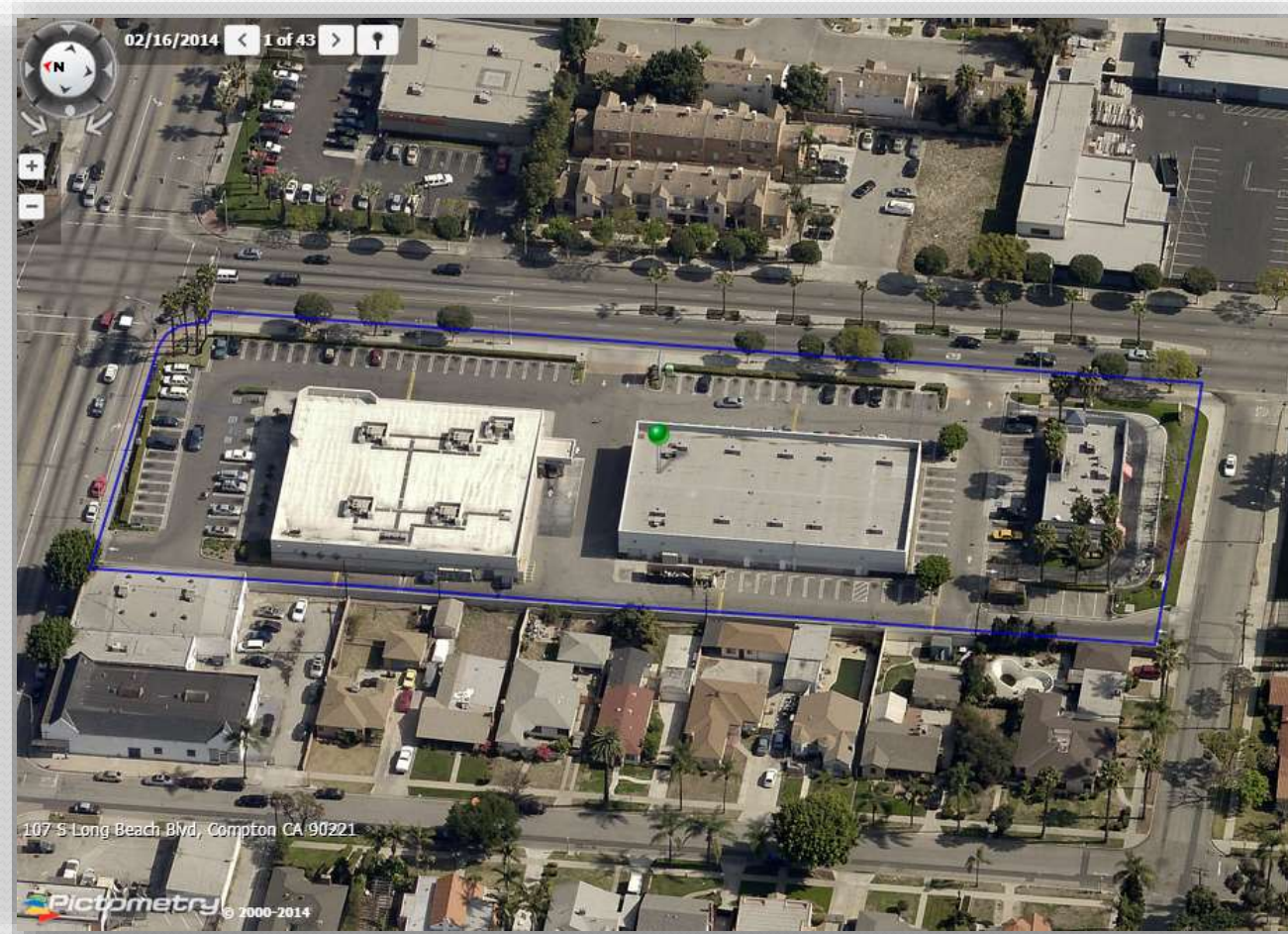- An example parcel: 6179-026-040

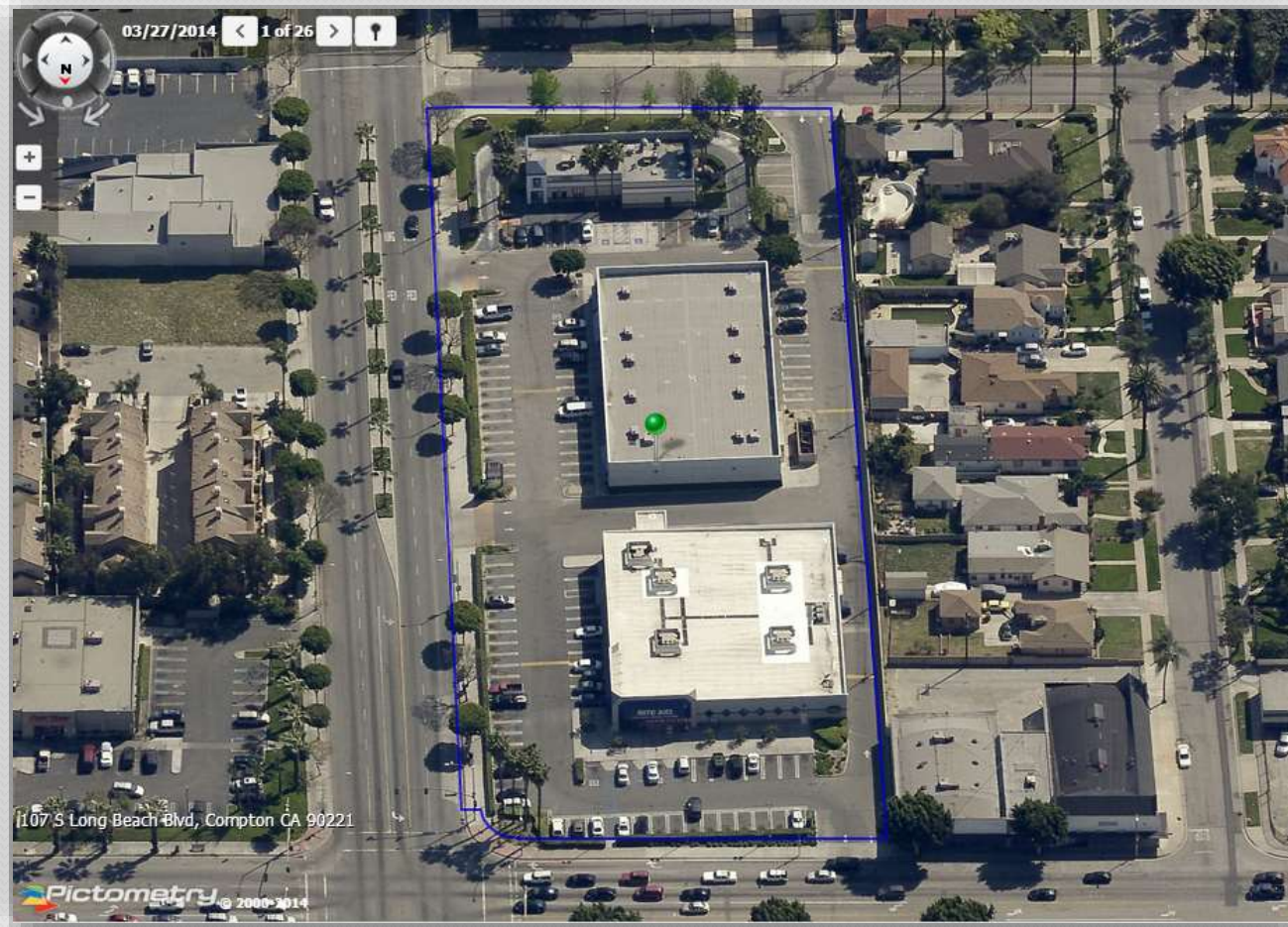# Properties Countywide
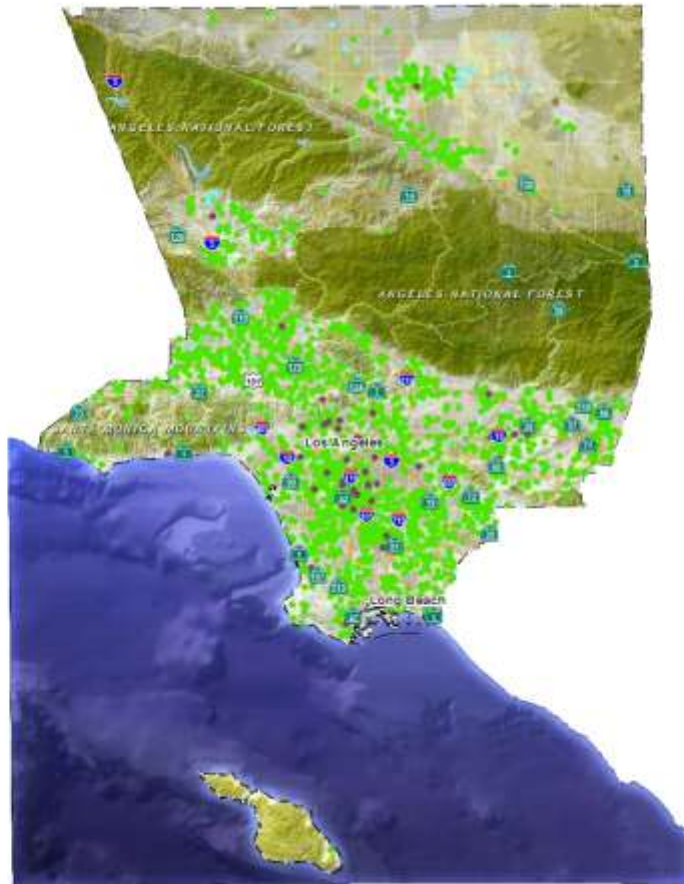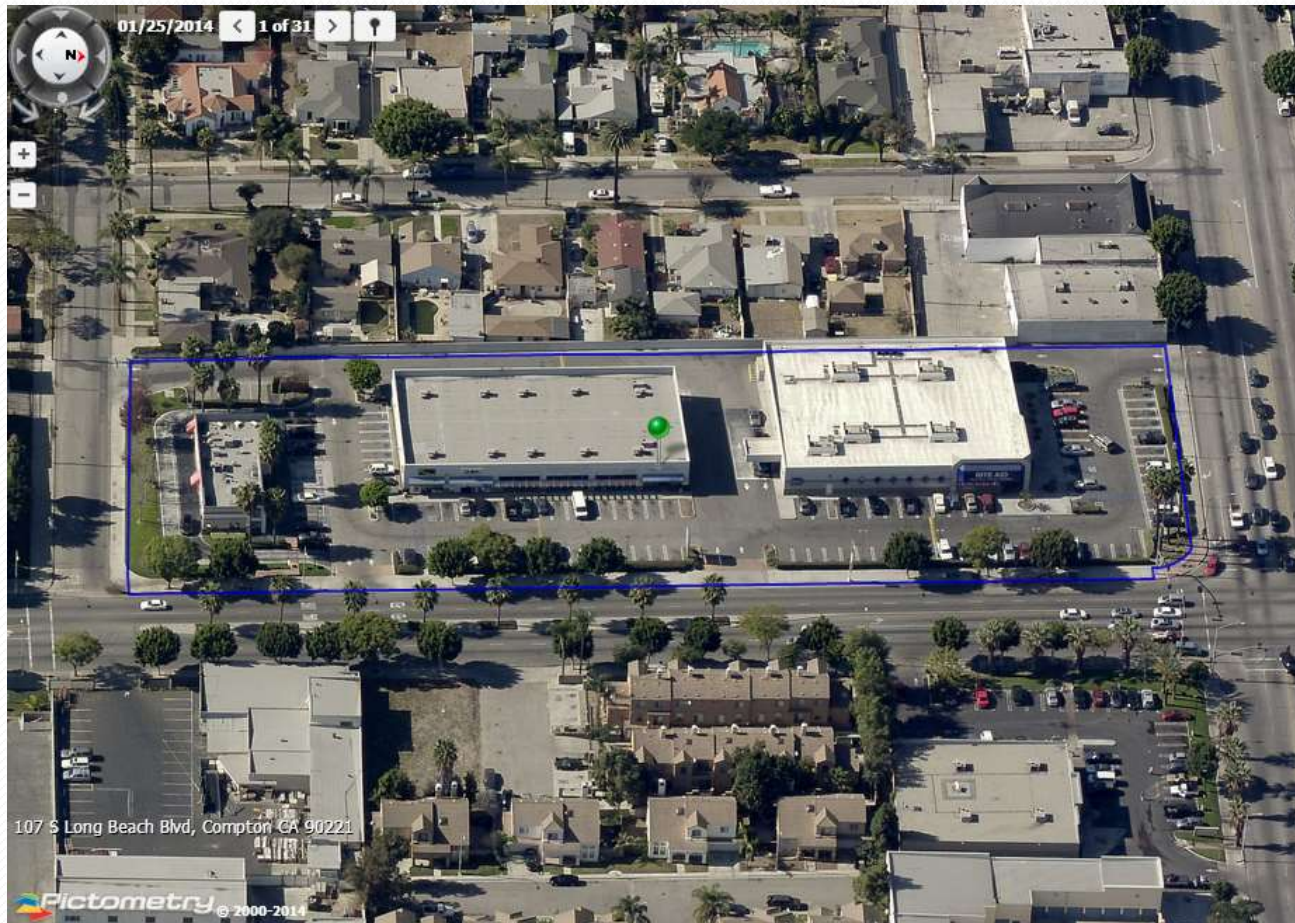
Parcel 6179-026-040
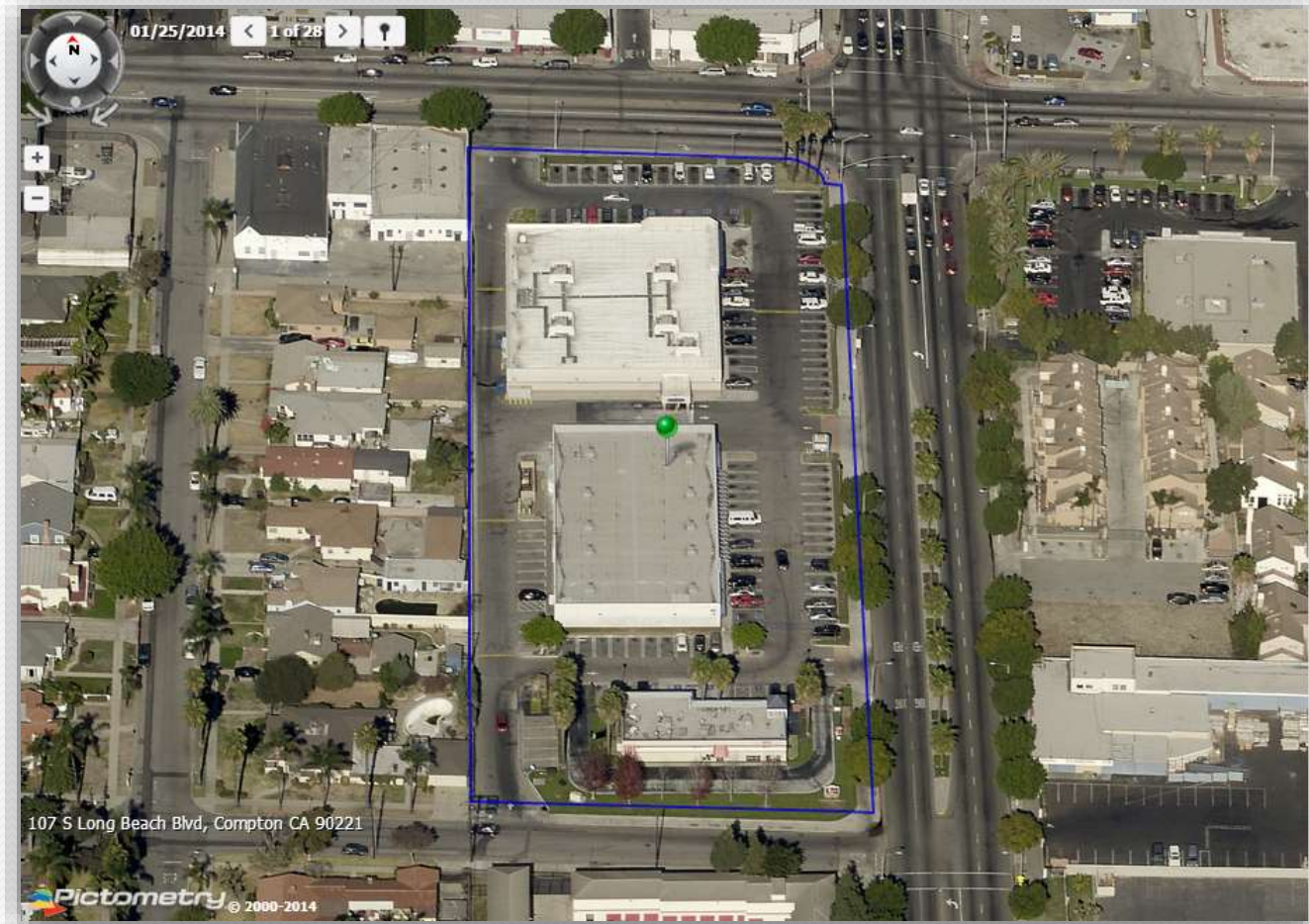
Parcel 6179-026-040

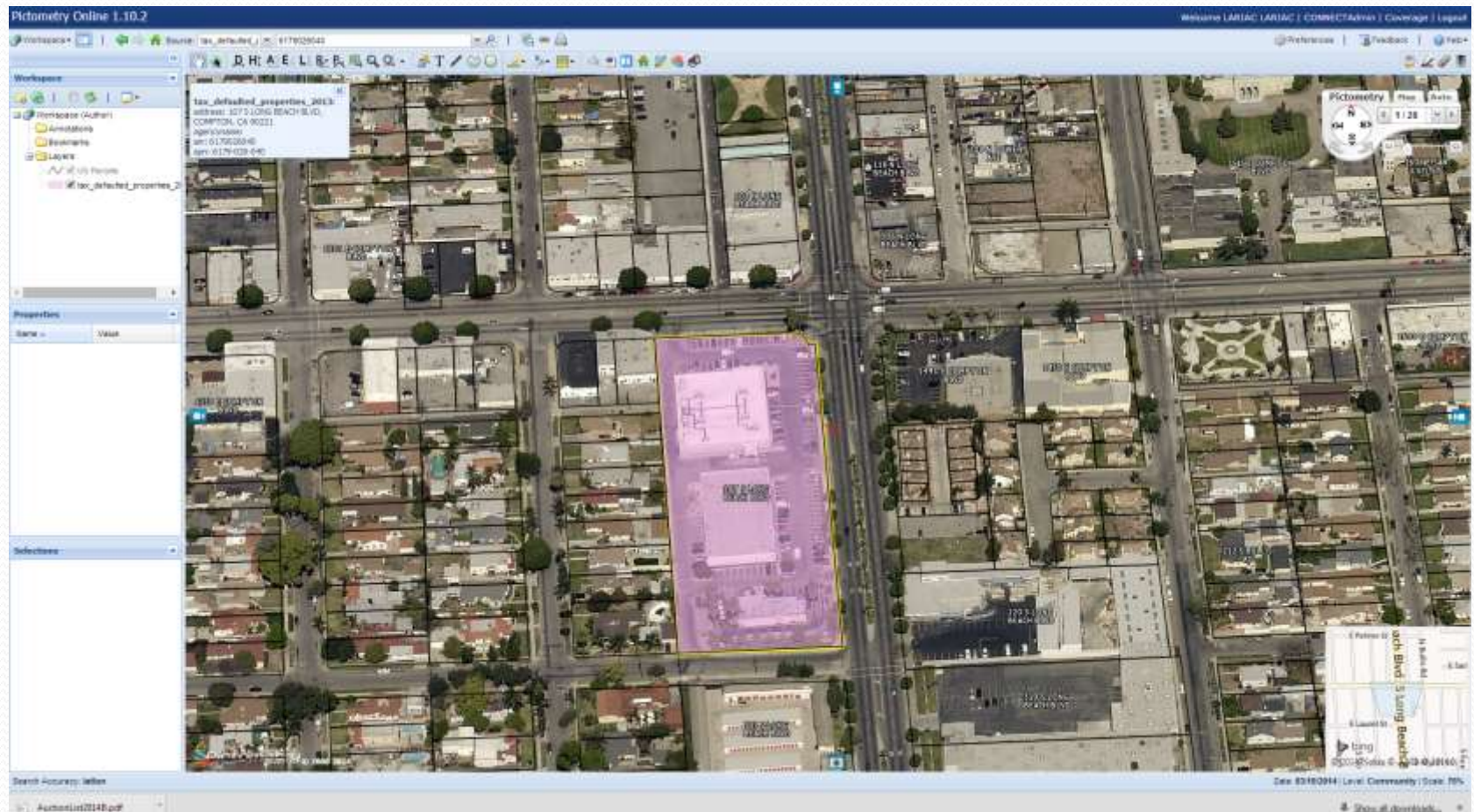# Parcel 6179-026-040

Parcel 6179-026-040

Parcel 6179-026-040

Other options

Explore through POL

- POL – Pictometry Online
  - Repository of all oblique imagery pictures since 2002
- See how things have changed
- For internal use

Pictometry Online

Parcel Viewer

- Search by owner, parcel, etc.

Parcel Viewer

eGIS

- This is the tip of the iceberg – there are many other things that can be done as you learn about the tools available.

Cost

- Cost is estimated on Department budget items and usage tier
  - Startup (this is you)
  - Low
  - Medium
  - High
- Cost to TTC is $11,194 per year to access all of the tools (for everyone in the department).

Thank You

Mark Greninger

Geographic Information Officer

LA County